Beam Power Tube

9-PIN MINIATURE TYPE

GENERAL DATA

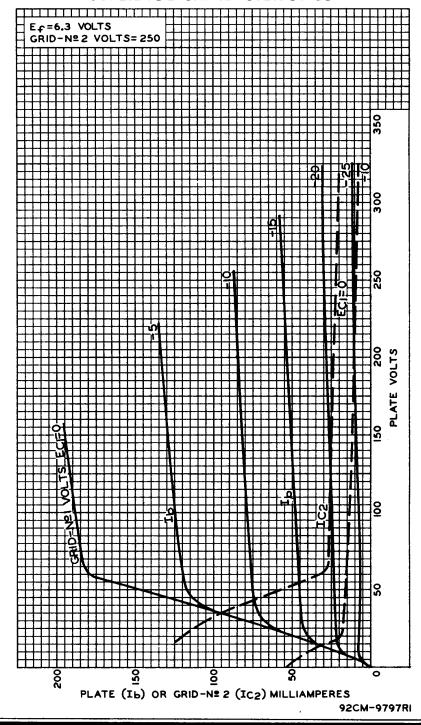
	GENERAL DATA	
	Electrical:	
	Heater, for Unipotential Cathode: Voltage (AC or DC)	
_	Characteristics, Class A ₁ Amplifier:	
	Plate Voltage 60 250 volts Grid-No.2 Voltage 250 250 volts Grid-No.1 Voltage 0 -18 volts Mu Factor, Grid No.1 to Grid No.2 - 8.7 Plate Resistance (Approx.) - 0.05 megohm Transconductance - 5100 μmhos Plate Current 180 h 40 ma Grid-No.2 Current 30 h 3 ma Grid-No.1 Voltage (Approx.) for plate ma. = 0.2 - -37 volts	
	Mechanical:	
	Operating Position	
	Pin 1 - Grid No.2 Pin 2 - No Connection Pin 3 - Grid No.1 Pin 4 - Heater Pin 5 - Heater Pin 6 - Grid No.1 Pin 6 - Grid No.1 Pin 9 - Plate	
VERTICAL DESIGNATION AND LEAD		
	VERTICAL-DEFLECTION AMPLIFIER Maximum Ratings, Design-Center Values Except as Noted:	
.,	For operation in a 525-line, 30-frame system ^c	
	DC PLATE VOLTAGE	

. . 2200 max. volts

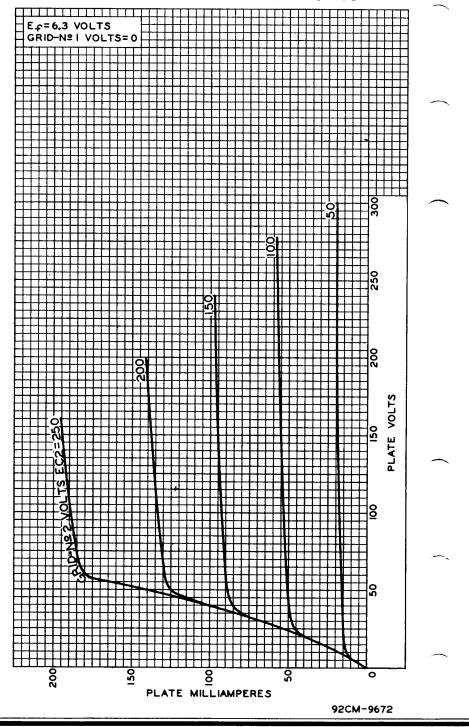
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DC GRID-No.2 (SCREEN-GRID) VOLTAGE 285 max. volts PEAK NEGATIVE-PULSE GRID-No.1 (CONTROL-GRID) VOLTAGE 250 max. volts CATHODE CURRENT:	$\overline{}$
Peak	
Heater negative with respect to cathode. 200 max. volts Heater positive with respect to cathode. 200 max. volts BULB TEMPERATURE (At hottest point on bulb surface) 250 max. °C	
Maximum Circuit Values: Grid-No.1-Circuit Resistance: For fixed-bias operation 2.2 max. megohms For cathode-bias operation 2.2 max. megohms	~
 Without external shield. This value can be measured by a method involving a recurrent wave form such that the maximum ratings of the tube will not be exceeded. As described in "Standards of Good Engineering Practice Concerning Television Broadcast Stations," Federal Communications Commission. This rating is applicable when the duration of the voltage pulse does not exceed 15 per cent of one vertical scanning cycle. In a 525-line, 30-frame system, 15 per cent of one vertical scanning cycle is 2.5 milliseconds. Under no circumstances should this absolute-maximum value be exceeded. The dc component must not exceed 100 volts. 	

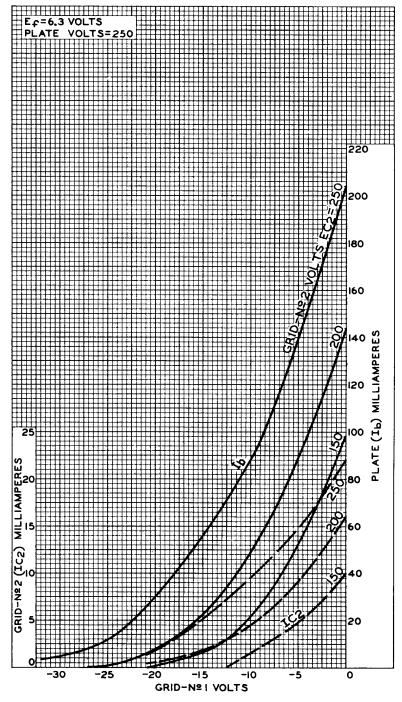
AVERAGE CHARACTERISTICS



AVERAGE PLATE CHARACTERISTICS



AVERAGE CHARACTERISTICS



92CM-9673RI